ELSEVIER

Journal of Organometallic Chemistry 497 (1995) C7

Journal of Organometallic Chemistry

Author Index of Volume 497

Abu-Surrah, A.S., 73
Amevor, E., 81
Amor, J.I., 127
Angermund, K., 201
Atwood, J.L., 105

Baird, M.C., 143
Baratta, W., C4
Bercaw, J.E., 171
Berke, H., 149
Berlekamp, M., 149
Bochmann, M., 55
Brookhart, M., 61
Buchwald, S.L., 11
Buijink, J.-K.F., 161
Bürgi, T., 149
Bürli, R., 81
Busico, V., 113

Chacon, S.T., 171
Chen, Y.-X., 1
Chien, J.C.W., 1
Cipullo, R., 113
Císařová, I., 33
Coalter, J.N., 17
Collins, S., 133
Consiglio, G., 81
Coughlin, E.B., 171
Cuenca, T., 127

Davis, W.M., 11

Erker, G., 149

Fan, L., 91
Fawzi, R., 73
Fink, G., 201
Fox, T., 149
Fröhlich, R., 149

Galakhov, M., 127
Grubbs, R.H., 195
Guan, J., 133
Gyepes, R., 33

Halterman, R.L., 43
Hanss, J., 181
Henling, L.M., 171
Herrmann, W.A., C4
Hiller, J., 33
Hitchcock, P.B., C1

Jeremic, D., 143
Jüngling, S., 27

Kaminsky, W., 181
Khan, M.A., 43
Knickmeier, M., 149
Kooijman, H., 161
Kopf, J., 181
Kuntz, B.A., 133

Lancaster, S.J., 55
Lohrenz, J.C.W., 91
Loub, J., 33

Mach, K., 33
Meetsma, A., 161
Montag, P., 201
Morawietz, M.J.A., C4
Mülhaupt, R., 27

Newmark, R.A., 119
Nguyen, S.B.T., 195
Noe, R., 149

Pailes, N.A., 43
Petersen, J.L., 17
Psiorz, C., 149
Pupi, R.M., 17

Quyoum, R., 143

Rabe, O., 181
Ramachandran, R., 133
Ramsey, T.M., 43
Rausch, M.D., 1
Razavi, A., 105
Rieger, B., 73
Royo, P., 127

Scharrer, E., 61
Schauwienold, A.-M., 181
Schupfner, G.U., 181
Scott, P., C1
Siedle, A.R., 119
Šindelář, P., 33
Spek, A.L., 161
Steiman, M., 73

Taylor, N.J., 133
Teuben, J.H., 161

V.d. Leek, Y., 201

Wang, Q., 143
Willoughby, C.A., 11
Wingbermühle, D., 149
Woo, T.K., 91

Ziegler, T., 91

ELSEVIER

Journal of Organometallic Chemistry 497 (1995) C8–C11

Journal of Organometallic Chemistry

Subject Index of Volume 497

Addition to aldehydes
Addition of a sterically hindered, chiral crotyl *ansa*-titanocene complex to aldehydes (B.A. Kuntz, R. Ramachandran, N.J. Taylor, J. Guan and S. Collins), 133

Alkylation
Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides (J.-K.F. Buijink, A. Meetsma, J.H. Teuben, H. Kooijman and A.L. Spek), 161

Amide
First amido-functionalized *ansa*-molybdenocene-type complexes (W.A. Herrmann, W. Baratta and M.J.A. Morawietz), C4

Amino-functionalized cyclopentadienyl
First amido-functionalized *ansa*-molybdenocene-type complexes (W.A. Herrmann, W. Baratta and M.J.A. Morawietz), C4

Ansa-metallocene
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43

Ansa-metallocenes
Monitoring the electronic features of rigid C_1-bridged Group 4 ansa-metallocenes by using the dynamic and structural properties of their s-*cis*-η^4-butadiene complexes (T. Bürgi, H. Berke, D. Wingbermühle, C. Psiorz, R. Noe, T. Fox, M. Knickmeier, M. Berlekamp, R. Fröhlich and G. Erker), 149

Base-free cation NMR spectroscopy
Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free $[Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation (J.I. Amor, T. Cuenca, M. Galakhov and P. Royo), 127

Boron
Polymerization of norbornene and 1,5-hexadiene by $[Cp^*TiMe_2]$-$[MeB(C_6F_5)_3]$ (D. Jeremic, Q. Wang, R. Quyoum and M.C. Baird), 143

(Butadiene)metallocene complexes
Monitoring the electronic features of rigid C_1-bridged Group 4 ansa-metallocenes by using the dynamic and structural properties of their s-*cis*-η^4-butadiene complexes (T. Bürgi, H. Berke, D. Wingbermühle, C. Psiorz, R. Noe, T. Fox, M. Knickmeier, M. Berlekamp, R. Fröhlich and G. Erker), 149

Carbon monoxide
Copolymerization of cyclopentene and carbon monoxide with palladium catalysts (E. Amevor, R. Bürli and G. Consiglio), 81

Catalysis
Easy formation of titanocene hydride–magnesium complexes in the $(C_5H_{5-n}Me_n)_2TiCl_2$ ($n = 3$–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33

Chiral
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43

Chirality
Synthesis of chiral and C_2-symmetric iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system (B. Rieger, A.S. Abu-Surrah, R. Fawzi and M. Steiman), 73

Chiral titanocene
Preparation and X-ray structure of a novel chiral methylene bridged titanocene complex (C.A. Willoughby, W.M. Davis and S.L. Buchwald), 11

Cobalt
Synthesis of chiral and C_2-symmetric iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system (B. Rieger, A.S. Abu-Surrah, R. Fawzi and M. Steiman), 73

Copolymerization
Copolymerization of cyclopentene and carbon monoxide with palladium catalysts (E. Amevor, R. Bürli and G. Consiglio), 81

Crystal structure
Easy formation of titanocene hydride–magnesium complexes in the $(C_5H_{5-n}Me_n)_2TiCl_2$ ($n = 3$–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33

Preparation and crystal structures of the complexes $(\eta^5\text{-}C_5H_3Me\text{-}CMe_2\text{-}\eta^5\text{-}C_{13}H_8)MCl_2$ (M = Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic–isotactic stereoblock-type polypropylene (A. Razavi and J.L. Atwood), 105

Cyclopentadienyl
Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free $[Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation (J.I. Amor, T. Cuenca, M. Galakhov and P. Royo), 127

Cyclopentene
Copolymerization of cyclopentene and carbon monoxide with palladium catalysts (E. Amevor, R. Bürli and G. Consiglio), 81

Density functional study
A density functional study on the insertion mechanism and chain termination in Kaminsky-type catalysts; comparison of frontside and backside attack (J.C.W. Lohrenz, T.K. Woo, L. Fan and T. Ziegler), 91

Diisopropylamide ligands
Structural studies of monocyclopentadienyl titanium and zirconium complexes containing a diisopropylamide ligand. Evidence of a β-agostic interaction in $(C_5H_5)M[N(^iC_3H_7)_2]$ (R.M. Pupi, J.N. Coalter and J.L. Petersen), 17

Dynamic behaviour
Monitoring the electronic features of rigid C_1-bridged Group 4 ansa-metallocenes by using the dynamic and structural properties of their s-*cis*-η^4-butadiene complexes (T. Bürgi, H. Berke, D. Wingbermühle, C. Psiorz, R. Noe, T. Fox, M. Knickmeier, M. Berlekamp, R. Fröhlich and G. Erker), 149

Early transition metals
A density functional study on the insertion mechanism and chain termination in Kaminsky-type catalysts; comparison of frontside and backside attack (J.C.W. Lohrenz, T.K. Woo, L. Fan and T. Ziegler), 91

EHT calculations
Monitoring the electronic features of rigid C_1-bridged Group 4 ansa-metallocenes by using the dynamic and structural properties of their s-*cis*-η^4-butadiene complexes (T. Bürgi, H. Berke, D. Wingbermühle, C. Psiorz, R. Noe, T. Fox, M. Knickmeier, M. Berlekamp, R. Fröhlich and G. Erker), 149

Electrochemistry
Synthesis, structure and electrochemistry of the first fulvalene derivative of an actinide (P. Scott and P.B. Hitchcock), C1

Fluorenyl ligands
Silylene-bridged fluorenyl-containing ligands and zirconium complexes with C_1 and C_s symmetry: general synthesis and olefin polymerization catalysis (Y.-X. Chen, M.D. Rausch and J.C.W. Chien), 1

Fluxionality
Monitoring the electronic features of rigid C_1-bridged Group 4 ansa-metallocenes by using the dynamic and structural properties of their s-*cis*-η^4-butadiene complexes (T. Bürgi, H. Berke, D. Wingbermühle, C. Psiorz, R. Noe, T. Fox, M. Knickmeier, M. Berlekamp, R. Fröhlich and G. Erker), 149

Group IV metal alkyl complexes
Cationic group IV metal alkyl complexes and their role as olefin polymerization catalysts: The formation of ethyl-bridged dinuclear and heterodinuclear zirconium and hafnium complexes (M. Bochmann and S.J. Lancaster), 55

Hafnium
Cationic group IV metal alkyl complexes and their role as olefin polymerization catalysts: The formation of ethyl-bridged dinuclear and heterodinuclear zirconium and hafnium complexes (M. Bochmann and S.J. Lancaster), 55
Preparation and crystal structures of the complexes (η^5-C_5H_3Me-CMe_2-η^5-$C_{13}H_8$)MCl_2 (M = Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic–isotactic stereoblock-type polypropylene (A. Razavi and J.L. Atwood), 105
Stereochemical nonrigidity in metallocenium ions (A.R. Siedle and R.A. Newmark), 119

Half-sandwich complexes
Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides (J.-K.F. Buijink, A. Meetsma, J.H. Teuben, H. Kooijman and A.L. Spek), 161

1,5-hexadiene polymerization
Polymerization of norbornene and 1,5-hexadiene by [Cp^*TiMe_2]-[$MeB(C_6F_5)_3$] (D. Jeremic, Q. Wang, R. Quyoum and M.C. Baird), 143

Homogeneous Ziegler–Natta catalysis
Crystal structure and propene polymerization characteristics of bridged zirconocene catalysts (W. Kaminsky, O. Rabe, A.-M. Schauwienold, G.U. Schupfner, J. Hanss and J. Kopf), 181

Hydride
Easy formation of titanocene hydride–magnesium complexes in the ($C_5H_{5-n}Me_n$)$_2TiCl_2$ (n = 3–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33

Imido complexes
Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides (J.-K.F. Buijink, A. Meetsma, J.H. Teuben, H. Kooijman and A.L. Spek), 161

Insertion reactions
Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study (E. Scharrer and M. Brookhart), 61

Iron
Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study (E. Scharrer and M. Brookhart), 61
Synthesis of chiral and C_2-symmetric iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system (B. Rieger, A.S. Abu-Surrah, R. Fawzi and M. Steiman), 73
Synthesis, structure and electrochemistry of the first fulvalene derivative of an actinide (P. Scott and P.B. Hitchcock), C1

Iron carbene complexes
Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study (E. Scharrer and M. Brookhart), 61

Isomerization
Growing chain isomerizations in metallocene-catalyzed Ziegler–Natta 1-alkene polymerization (V. Busico and R. Cipullo), 113

Kaminsky-type catalysts
A density functional study on the insertion mechanism and chain termination in Kaminsky-type catalysts; comparison of frontside and backside attack (J.C.W. Lohrenz, T.K. Woo, L. Fan and T. Ziegler), 91

Magnesium
Easy formation of titanocene hydride–magnesium complexes in the ($C_5H_{5-n}Me_n$)$_2TiCl_2$ (n = 3–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33

Mechanistic studies
Mechanistische Untersuchungen der Propenpolymerisation mit dem katalytischen System [2,4-Cyclcopentadien-1-yliden(methylethyliden)1H- inden-1-yliden]zirkoniumdichlorid–Methylaluminoxan (P. Montag, Y. V.d. Leek, K. Angermund und G. Fink), 201

Mechanistic study
A density functional study on the insertion mechanism and chain termination in Kaminsky-type catalysts; comparison of frontside and backside attack (J.C.W. Lohrenz, T.K. Woo, L. Fan and T. Ziegler), 91

rac-ansa Metallocenes
C_2-symmetric *ansa* metallocenes of titanium and zirconium with a ligand system that yields pure *rac* isomer: preparation and crystal structures of *rac*-[(η^5-C_5H_2-2-$SiMe_3$-4-CMe_3)$_2SiMe_2$]MCl_2 (M = Ti or Zr) (S.T. Chacon, E.B. Coughlin, L.M. Henling and J.E. Bercaw), 171

Metallocenium ions
Stereochemical nonrigidity in metallocenium ions (A.R. Siedle and R.A. Newmark), 119

Methylaluminoxane
The influence of methylalumoxane concentration on propene polymerization with homogeneous metallocene-based Ziegler–Natta catalysts (S. Jüngling and R. Mülhaupt), 27
Molecular mechanics calculations
Crystal structure and propene polymerization characteristics of bridged zirconocene catalysts (W. Kaminsky, O. Rabe, A.-M. Schauwienold, G.U. Schupfner, J. Hanss and J. Kopf), 181
Molybdenum
First amido-functionalized *ansa*-molybdenocene-type complexes (W.A. Herrmann, W. Baratta and M.J.A. Morawietz), C4

NMR spectroscopy
Preparation and crystal structures of the complexes (η^5-C_5H_3Me–CMe_2-η^5-$C_{13}H_8$)MCl_2 (M = Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic–isotactic stereoblock-type polypropylene (A. Razavi and J.L. Atwood), 105
Norbornene polymerization
Polymerization of norbornene and 1,5-hexadiene by [Cp^*TiMe_2]-[$MeB(C_6F_5)_3$] (D. Jeremic, Q. Wang, R. Quyoum and M.C. Baird), 143

Olefin
Silylene-bridged fluorenyl-containing ligands and zirconium complexes with C_1 and C_s symmetry: general synthesis and olefin polymerization catalysis (Y.-X. Chen, M.D. Rausch and J.C.W. Chien), 1
Olefin metathesis catalyst
The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on $Cl_2(PR_3)_2Ru{=}CH{-}CH{=}CPh_2$ (S.B.T. Nguyen and R.H. Grubbs), 195
Olefin polymerization catalyst
Cationic group IV metal alkyl complexes and their role as olefin polymerization catalysts: The formation of ethyl-bridged dinuclear and heterodinuclear zirconium and hafnium complexes (M. Bochmann and S.J. Lancaster), 55

Palladium
Copolymerization of cyclopentene and carbon monoxide with palladium catalysts (E. Amevor, R. Bürli and G. Consiglio), 81
Pauson–Khand cyclization
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43
Phenyl-bridged metallocenes
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43
Polymerization
Growing chain isomerizations in metallocene-catalyzed Ziegler–Natta 1-alkene polymerization (V. Busico and R. Cipullo), 113
Polymerization catalysis
Silylene-bridged fluorenyl-containing ligands and zirconium complexes with C_1 and C_s symmetry: general synthesis and olefin polymerization catalysis (Y.-X. Chen, M.D. Rausch and J.C.W. Chien), 1
Polystyrene supported catalysts
The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on $Cl_2(PR_3)_2Ru{=}CH{-}CH{=}CPh_2$ (S.B.T. Nguyen and R.H. Grubbs), 195
Propene polymerization
Crystal structure and propene polymerization characteristics of bridged zirconocene catalysts (W. Kaminsky, O. Rabe, A.-M. Schauwienold, G.U. Schupfner, J. Hanss and J. Kopf), 181
Mechanistische Untersuchungen der Propenpolymerisation mit dem katalytischen System [2,4-Cyclcopentadien-1-yliden(methylethyliden)1H- inden-1-yliden]zirkoniumdichlorid–Methylaluminoxan (P. Montag, Y. V.d. Leek, K. Angermund und G. Fink), 201
The influence of methylalumoxane concentration on propene polymerization with homogeneous metallocene-based Ziegler–Natta catalysts (S. Jüngling and R. Mülhaupt), 27

Reaction mechanism
Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study (E. Scharrer and M. Brookhart), 61
Reduction
Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides (J.-K.F. Buijink, A. Meetsma, J.H. Teuben, H. Kooijman and A.L. Spek), 161
Ruthenium
The syntheses and activities of polystyrene-supported olefin metathesis catalysts based on $Cl_2(PR_3)_2Ru{=}CH{-}CH{=}CPh_2$ (S.B.T. Nguyen and R.H. Grubbs), 195

Silicon
Insertion reactions of electrophilic iron carbene complexes with organosilanes: a synthetic and mechanistic study (E. Scharrer and M. Brookhart), 61
Solid state structures
Synthesis of chiral and C_2-symmetric iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system (B. Rieger, A.S. Abu-Surrah, R. Fawzi and M. Steiman), 73
Stereochemical nonrigidity
Stereochemical nonrigidity in metallocenium ions (A.R. Siedle and R.A. Newmark), 119

Tetradentate amine ligand
Synthesis of chiral and C_2-symmetric iron(II) and cobalt(II) complexes bearing a new tetradentate amine ligand system (B. Rieger, A.S. Abu-Surrah, R. Fawzi and M. Steiman), 73
Thorium
Synthesis, structure and electrochemistry of the first fulvalene derivative of an actinide (P. Scott and P.B. Hitchcock), C1
Titanium
C_2-symmetric *ansa* metallocenes of titanium and zirconium with a ligand system that yields pure *rac* isomer: preparation and crystal structures of *rac*-[(η^5-C_5H_2-2-$SiMe_3$-4-CMe_3)$_2SiMe_2$]MCl_2 (M = Ti or Zr) (S.T. Chacon, E.B. Coughlin, L.M. Henling and J.E. Bercaw), 171
Polymerization of norbornene and 1,5-hexadiene by [Cp^*TiMe_2]-[$MeB(C_6F_5)_3$] (D. Jeremic, Q. Wang, R. Quyoum and M.C. Baird), 143
Preparation and X-ray structure of a novel chiral methylene bridged titanocene complex (C.A. Willoughby, W.M. Davis and S.L. Buchwald), 11
Structural studies of monocyclopentadienyl titanium and zirconium complexes containing a diisopropylamide ligand. Evidence of a β-agostic interaction in $(C_5H_5)M[N(^iC_3H_7)_2$ (R.M. Pupi, J.N. Coalter and J.L. Petersen), 17
Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free [$Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation (J.I. Amor, T. Cuenca, M. Galakhov and P. Royo), 127

Titanium, *Ansa*-titanocene
Addition of a sterically hindered, chiral crotyl *ansa*-titanocene complex to aldehydes (B.A. Kuntz, R. Ramachandran, N.J. Taylor, J. Guan and S. Collins), 133
Titanocene
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43
Easy formation of titanocene hydride–magnesium complexes in the $(C_5H_{5-n}Me_n)_2TiCl_2$ ($n = 3$–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33
Triplet state
Easy formation of titanocene hydride–magnesium complexes in the $(C_5H_{5-n}Me_n)_2TiCl_2$ ($n = 3$–5)–dibutylmagnesium systems (R. Gyepes, K. Mach, I. Císařová, J. Loub, J. Hiller and P. Šindelář), 33

Vanadium
Alkylation and reductive dimerization of half-sandwich imido vanadium dichlorides (J.-K.F. Buijink, A. Meetsma, J.H. Teuben, H. Kooijman and A.L. Spek), 161

X-ray structure
Preparation and X-ray structure of a novel chiral methylene bridged titanocene complex (C.A. Willoughby, W.M. Davis and S.L. Buchwald), 11
Synthesis, structure and electrochemistry of the first fulvalene derivative of an actinide (P. Scott and P.B. Hitchcock), C1

Ziegler–Natta catalysts
Growing chain isomerizations in metallocene-catalyzed Ziegler–Natta 1-alkene polymerization (V. Busico and R. Cipullo), 113
The influence of methylalumoxane concentration on propene polymerization with homogeneous metallocene-based Ziegler–Natta catalysts (S. Jüngling and R. Mülhaupt), 27
Zirconium
C_2-symmetric *ansa* metallocenes of titanium and zirconium with a ligand system that yields pure *rac* isomer: preparation and crystal structures of *rac*-$[(\eta^5\text{-}C_5H_2\text{-}2\text{-}SiMe_3\text{-}4\text{-}CMe_3)_2SiMe_2]MCl_2$ (M = Ti or Zr) (S.T. Chacon, E.B. Coughlin, L.M. Henling and J.E. Bercaw), 171
Cationic group IV metal alkyl complexes and their role as olefin polymerization catalysts: The formation of ethyl-bridged dinuclear and heterodinuclear zirconium and hafnium complexes (M. Bochmann and S.J. Lancaster), 55
Mechanistische Untersuchungen der Propenpolymerisation mit dem katalytischen System [2,4-Cyclcopentadien-1-yliden(methylethyliden)1H- inden-1-yliden]zirkoniumdichlorid–Methylaluminoxan (P. Montag, Y. V.d. Leek, K. Angermund und G. Fink), 201
Preparation and crystal structures of the complexes $(\eta^5\text{-}C_5H_3Me\text{-}CMe_2\text{-}\eta^5\text{-}C_{13}H_8)MCl_2$ (M = Zr or Hf): mechanistic aspects of the catalytic formation of a syndiotactic–isotactic stereoblock-type polypropylene (A. Razavi and J.L. Atwood), 105
Silylene-bridged fluorenyl-containing ligands and zirconium complexes with C_1 and C_s symmetry: general synthesis and olefin polymerization catalysis (Y.-X. Chen, M.D. Rausch and J.C.W. Chien), 1
Stereochemical nonrigidity in metallocenium ions (A.R. Siedle and R.A. Newmark), 119
Structural studies of monocyclopentadienyl titanium and zirconium complexes containing a diisopropylamide ligand. Evidence of a β-agostic interaction in $(C_5H_5)M[N(^iC_3H_7)_2$ (R.M. Pupi, J.N. Coalter and J.L. Petersen), 17
Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free $[Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation (J.I. Amor, T. Cuenca, M. Galakhov and P. Royo), 127
Zirconocene
Application of the double Pauson–Khand cyclization to the synthesis of bis(cyclopentadienes): preparation of phenyl-bridged bis(tetrahydroindenyl)titanium and zirconium dichlorides (R.L. Halterman, T.M. Ramsey, N.A. Pailes and M.A. Khan), 43
Crystal structure and propene polymerization characteristics of bridged zirconocene catalysts (W. Kaminsky, O. Rabe, A.-M. Schauwienold, G.U. Schupfner, J. Hanss and J. Kopf), 181
Zirconocene cation
Synthesis of bis(*tert*-butyl)cyclopentadienyl derivatives of titanium and zirconium. NMR spectra and dynamic behaviour of the base-free $[Zr(1,3\text{-}^tBu_2\text{-}\eta^5\text{-}C_5H_3)(CH_2Ph)_2]^+$ cation (J.I. Amor, T. Cuenca, M. Galakhov and P. Royo), 127